

**CLAIMS:** I claim:

1. An apparatus for removal of pollutants within treated gas, comprising:  
  
a vessel partially filled with liquid,  
  
a rotating drum, having inlet for receiving treated gas, having further its surface made of filter material, through which gas is leaving the drum,  
  
means for rotating said drum.
2. An apparatus according to claim 1 wherein liquid is pumped from inside of said rotating drum into said vessel.
3. An apparatus according to claim 2 wherein said liquid is cleaned before being pumped into said vessel.
4. An apparatus according to claim 1 wherein liquid is pumped from said vessel into said rotating drum.
5. An apparatus according to claim 4 wherein said liquid is cleaned before being pumped into said rotating drum.
6. An apparatus according to claim 1 wherein ultrasound is used to clean said filter material.
7. An apparatus according to claim 1 wherein said liquid is chemically active.

8. An apparatus according to claim 1 wherein said rotating drum is of any shape.
9. An apparatus according to claim 1 wherein filter material of said rotating drum is sprayed by liquid.
10. An apparatus for removal of pollutants within treated gas, comprising:  
  
a vessel partially filled with liquid,  
  
rotating drum, having outlet for removing treated gas, having further its surface made of filter material, through which gas is entering the drum,  
  
means for rotating said drum.
11. An apparatus according to claim 10 wherein liquid is pumped from inside of said rotating drum into said vessel.
12. An apparatus according to claim 11 wherein said liquid is cleaned before being pumped into said vessel.
13. An apparatus according to claim 10 wherein liquid is pumped from said vessel into said rotating drum.
14. An apparatus according to claim 13 wherein said liquid is cleaned before being pumped into said rotating drum.

- 15. An apparatus according to claim 10 wherein ultrasound is used to clean said filter material.
- 16. An apparatus according to claim 10 wherein said liquid is chemically active.
- 17. An apparatus according to claim 10 wherein said rotating drum is of any shape.
- 18. An apparatus according to claim 10 wherein filter material of said rotating drum is sprayed by liquid.
- 19. A device for pumping liquid from inside of rotating drum consisting of pipe reaching inside of rotating drum, the pipe is further attached to and going through inlet or outlet duct, the pipe is further connected to tank.